

20200923001

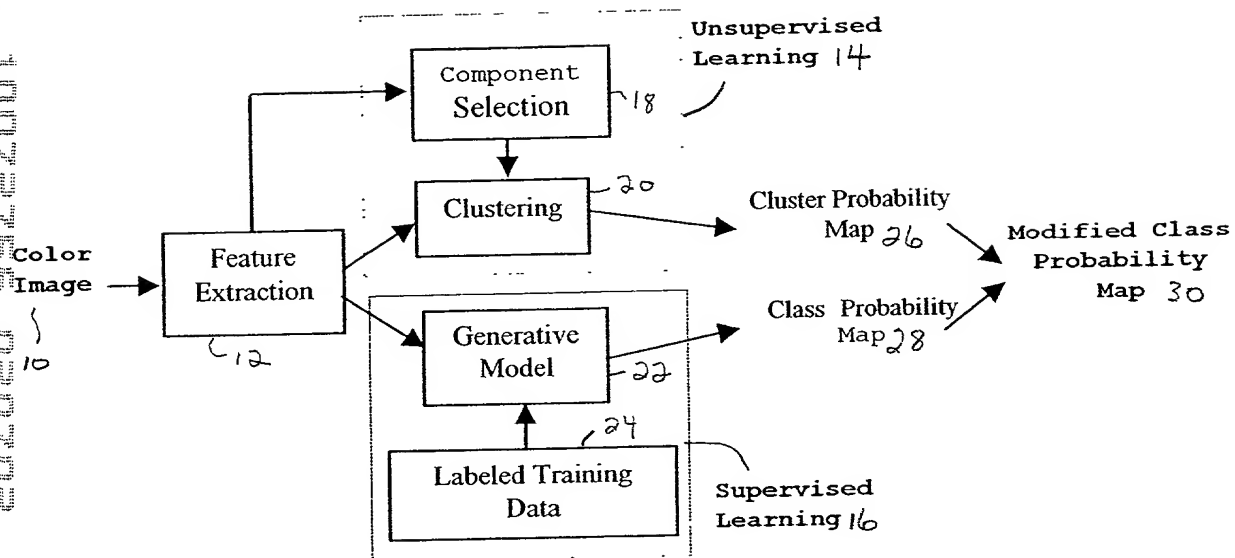


FIG. 1

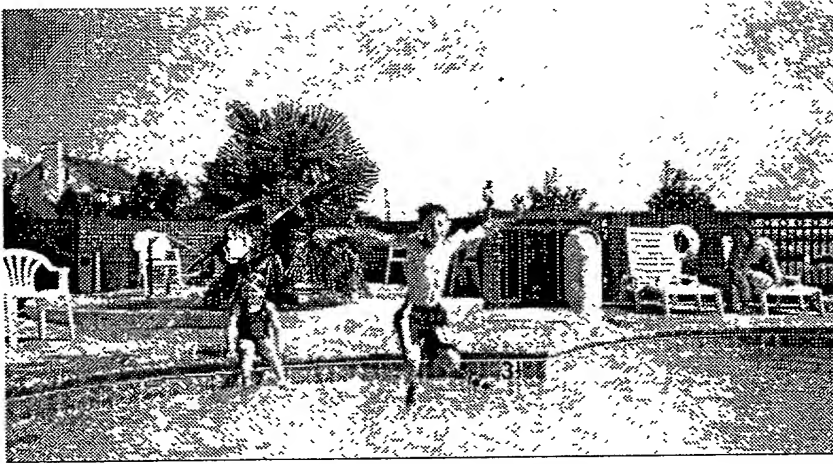


Fig. 2 Input color image

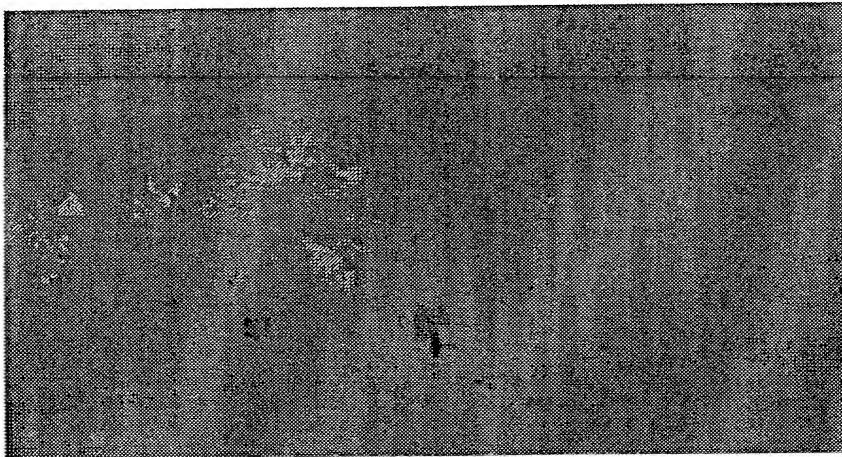


Fig. 3 Image in g-RGB space



Fig. 4 Texture strength using the Second Moment Matrix

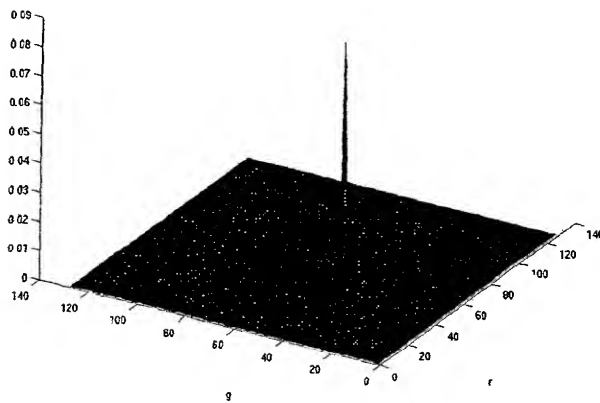


Fig. 5 Color histogram of image in Fig.

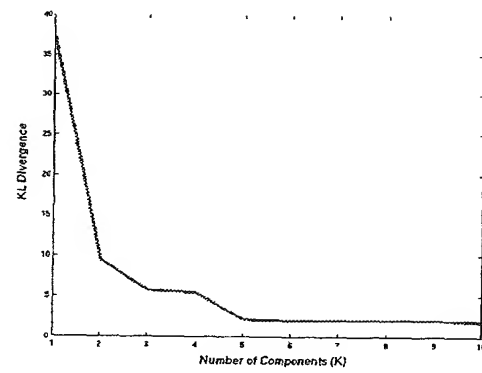


Fig. 6 KL Divergence Vs K

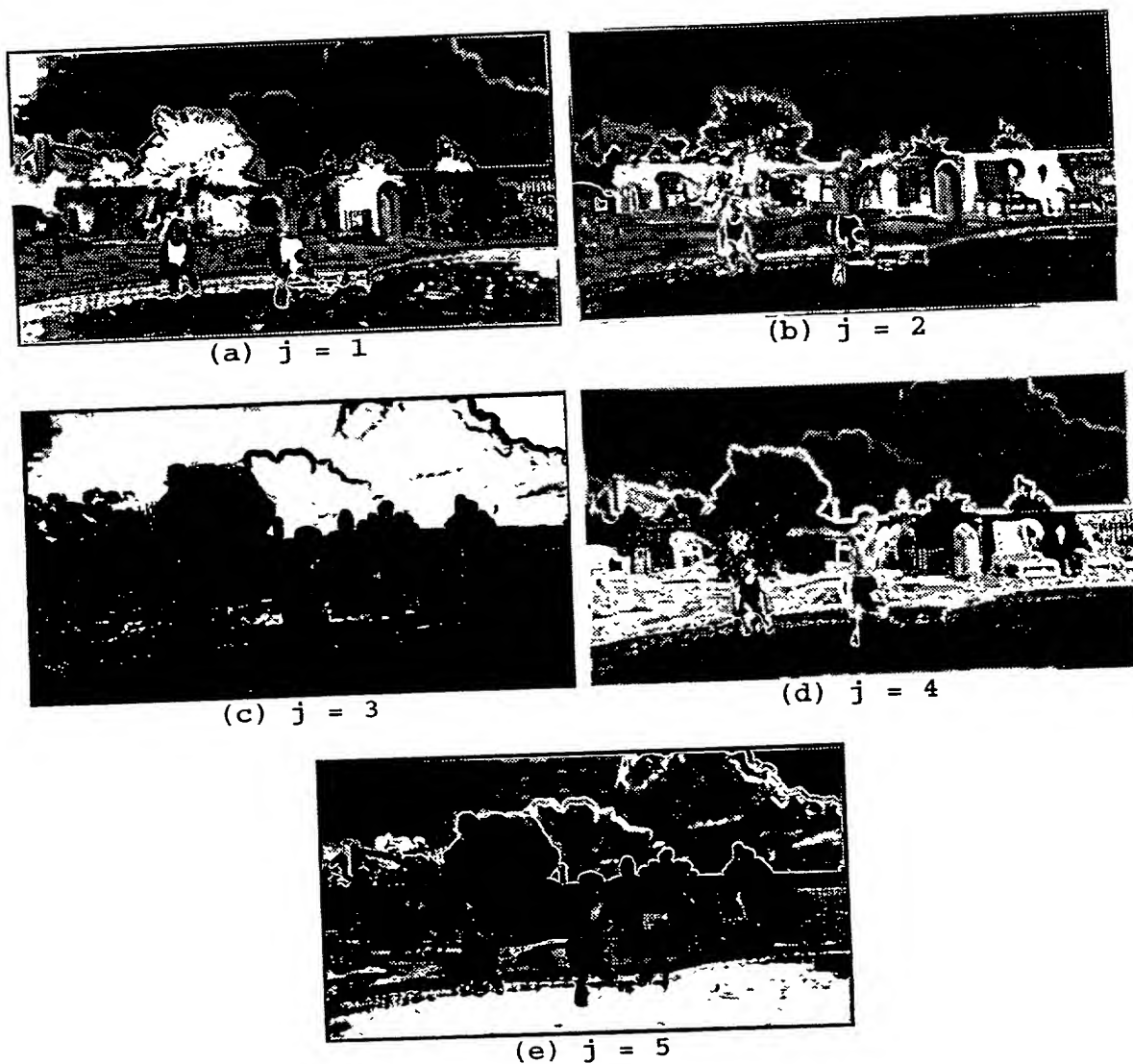


Fig. 7 Cluster Probability Maps for different clusters

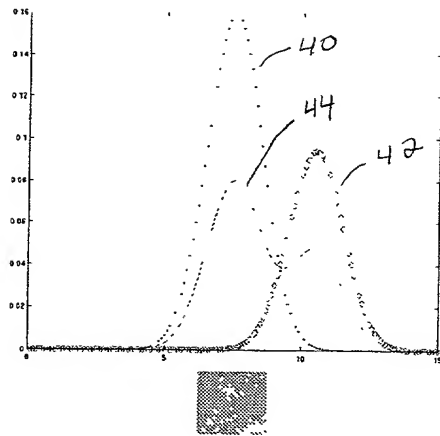


Fig. 8 Example of mixture of Gaussian for 'sky' class

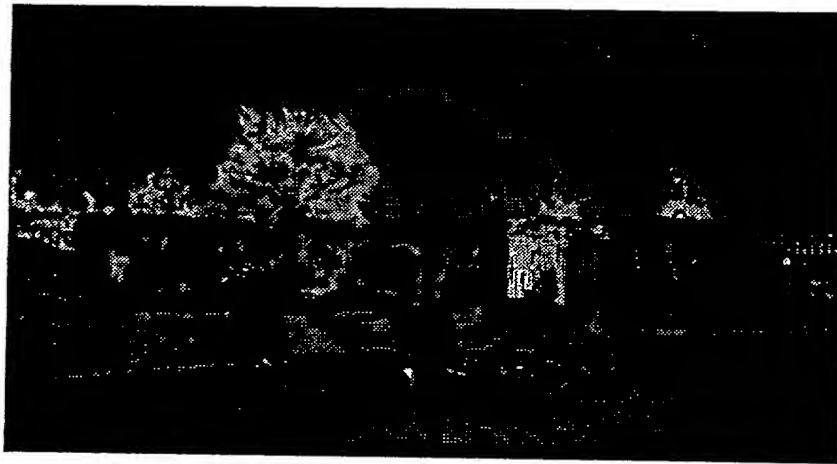
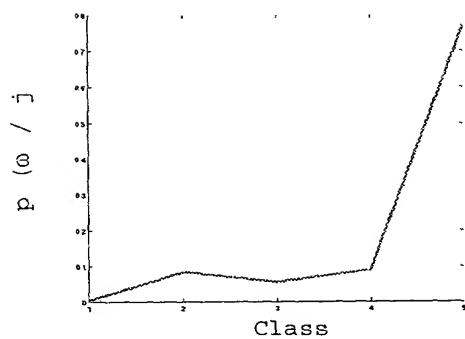
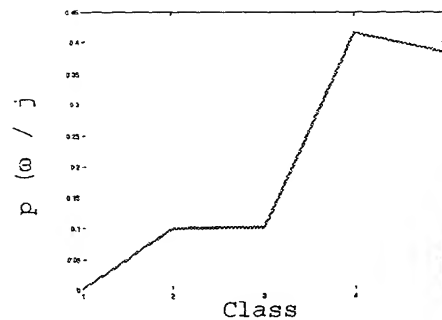


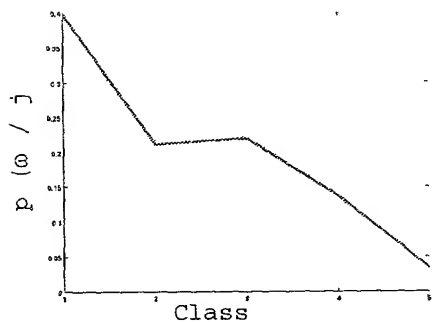
Fig. 9 Class Probability Map corresponding to class 'grass/tree'



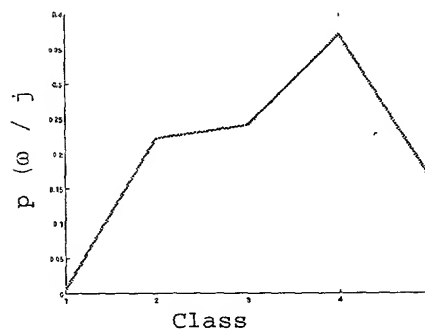
(a) $j = 1$



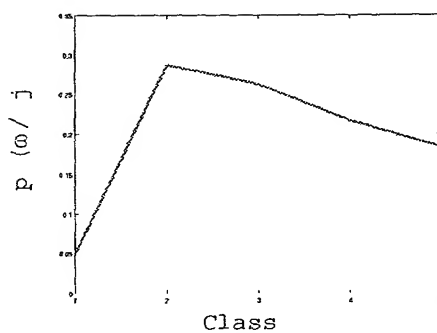
(b) $j = 2$



(c) $j = 3$



(d) $j = 4$



(e) $j = 5$

Fig. 10 Plots of $P(w/j)$ for different clusters j
Classes (w) 1 : Sky, 2: Water, 3: Sand/Soil, 4: Skin, 5: Grass/Tree



Fig. 11 Modified Class Probability Map corresponding to class 'grass/tree'

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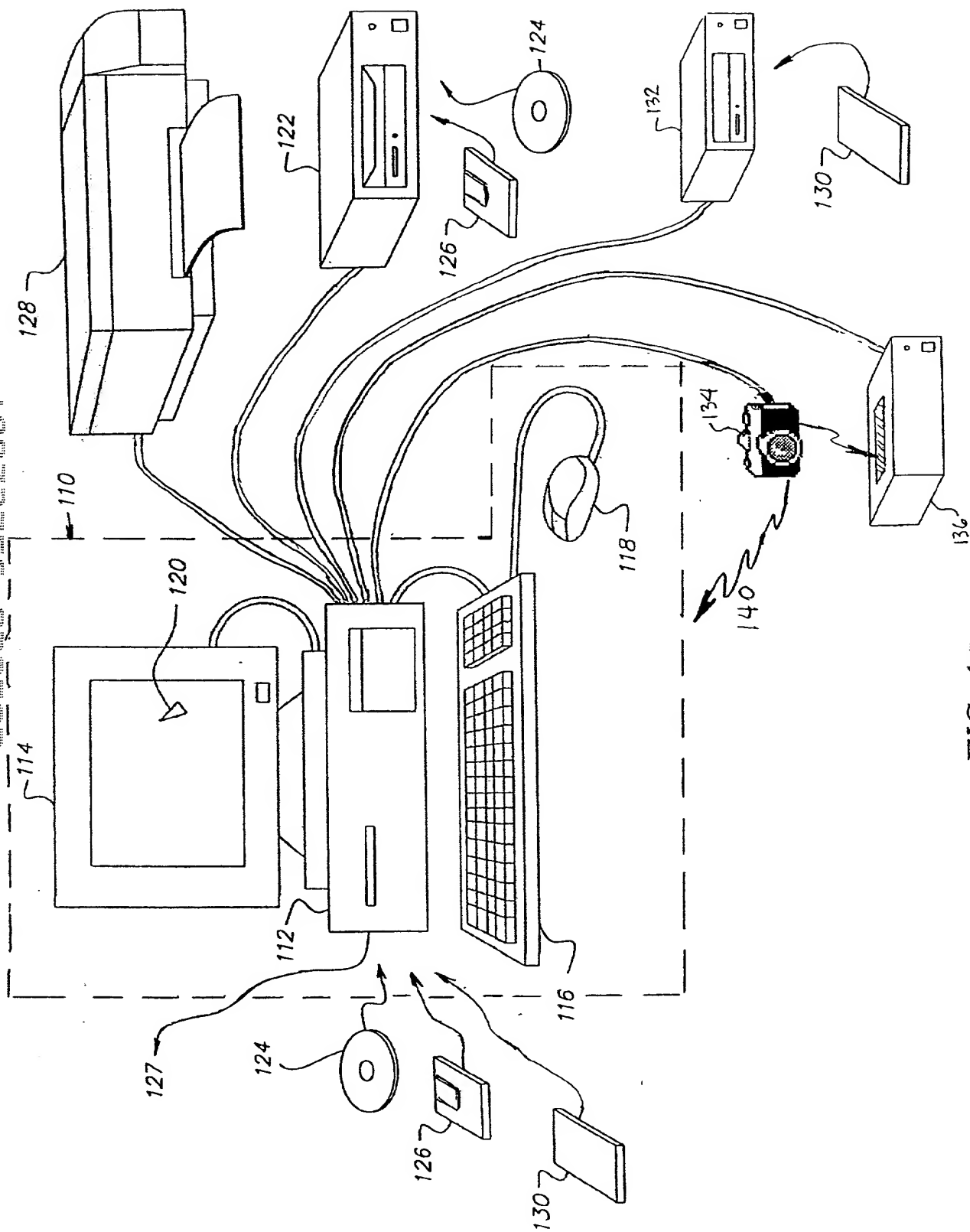


FIG. 12